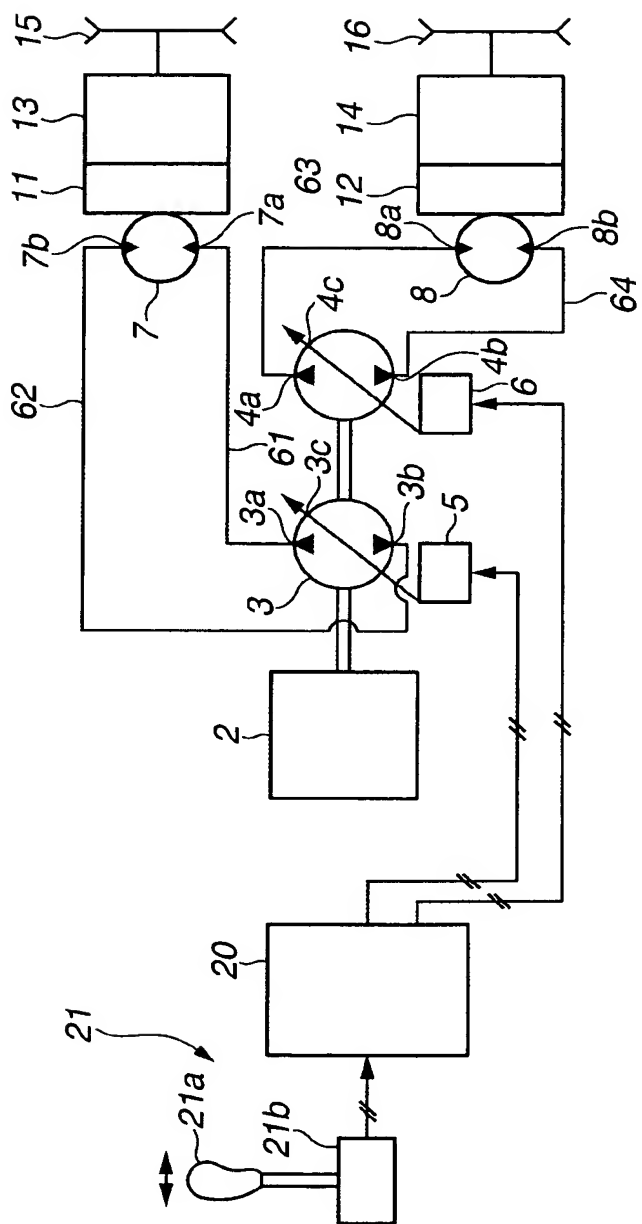
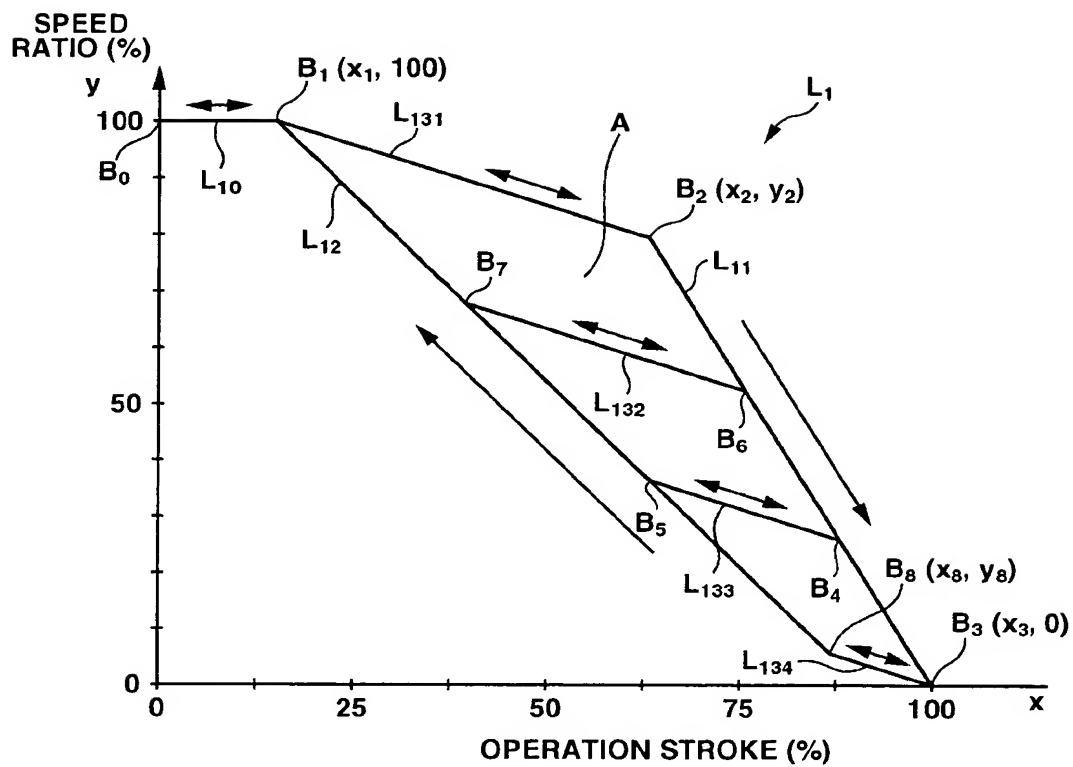


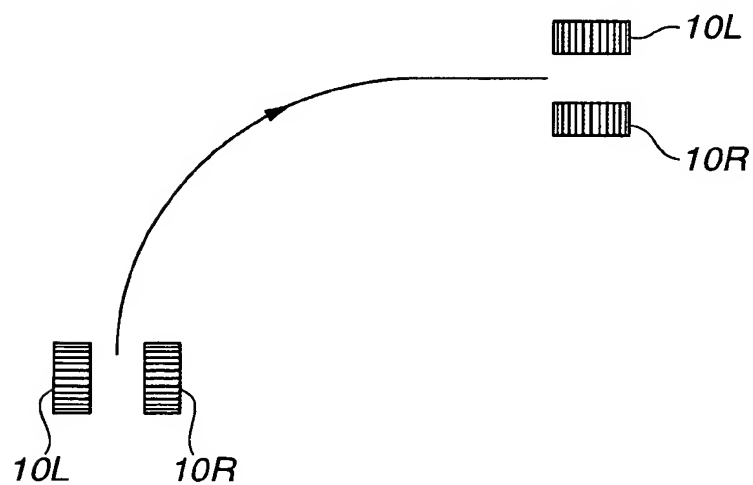
**FIG.1**



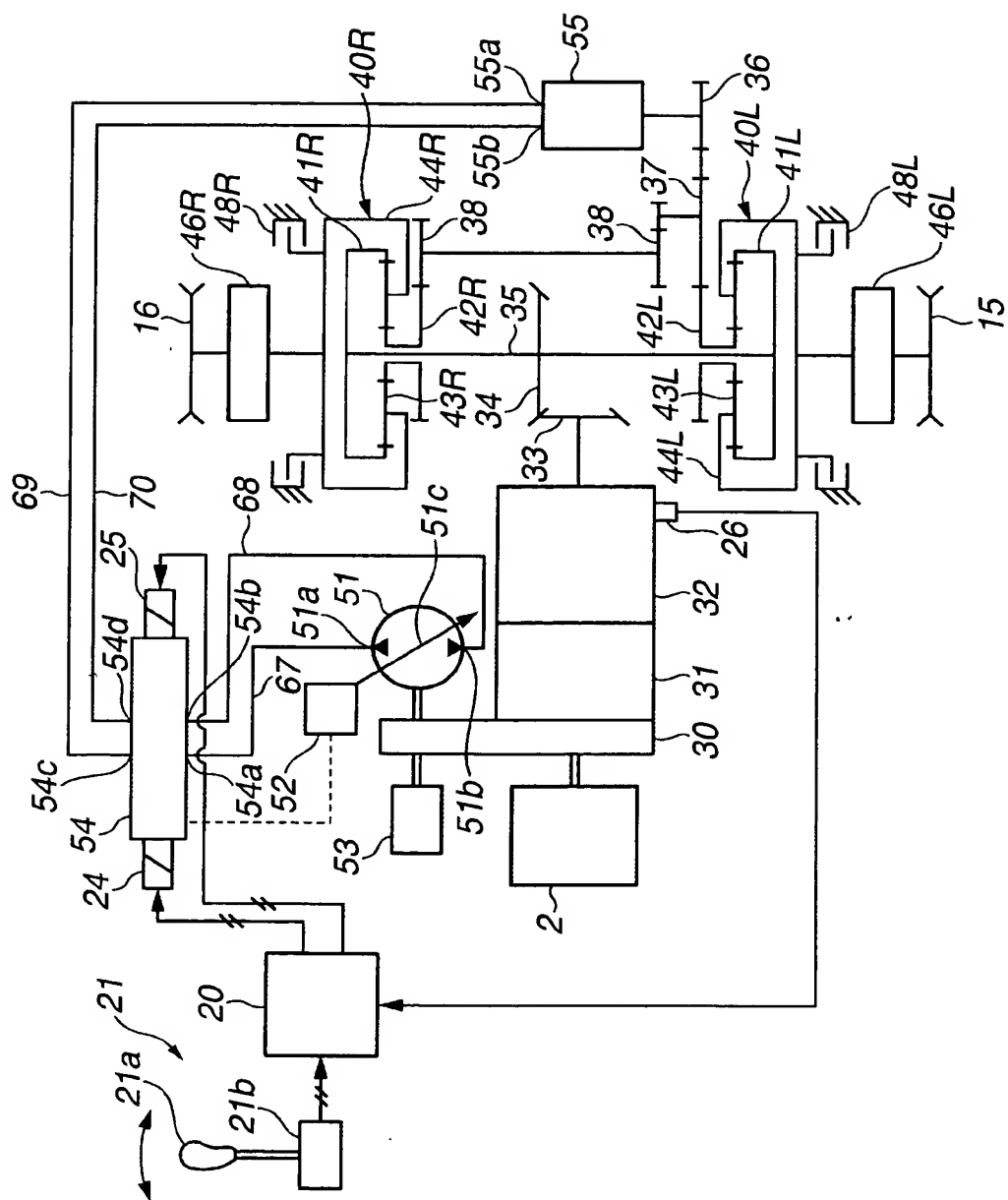
**FIG.2**

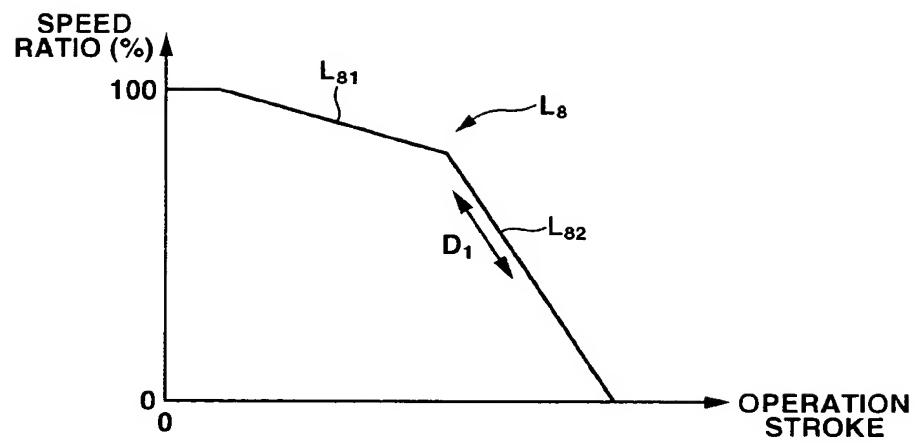


**FIG.3**

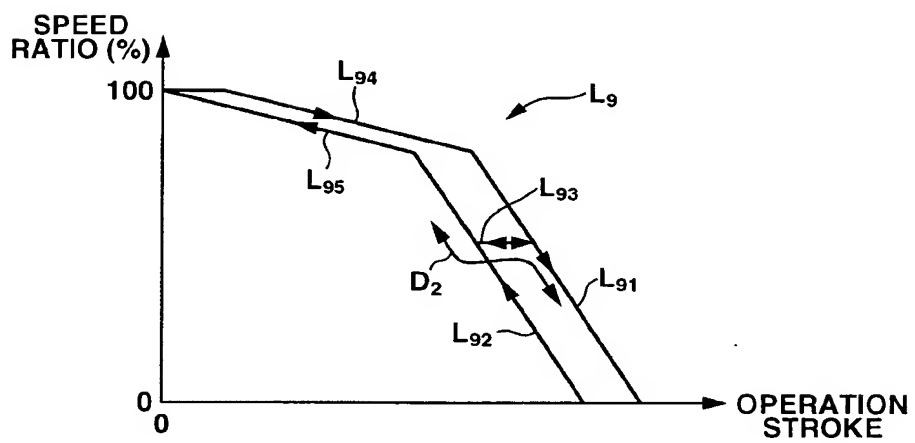


**FIG.4**

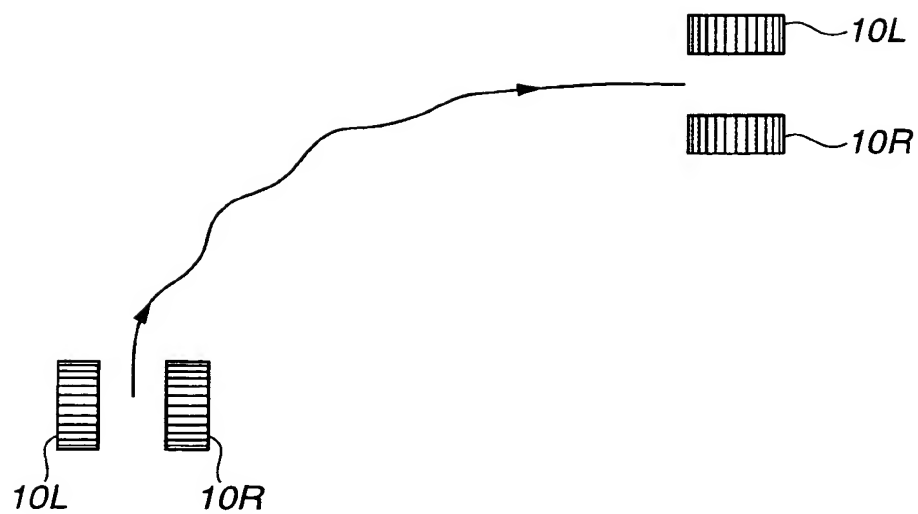




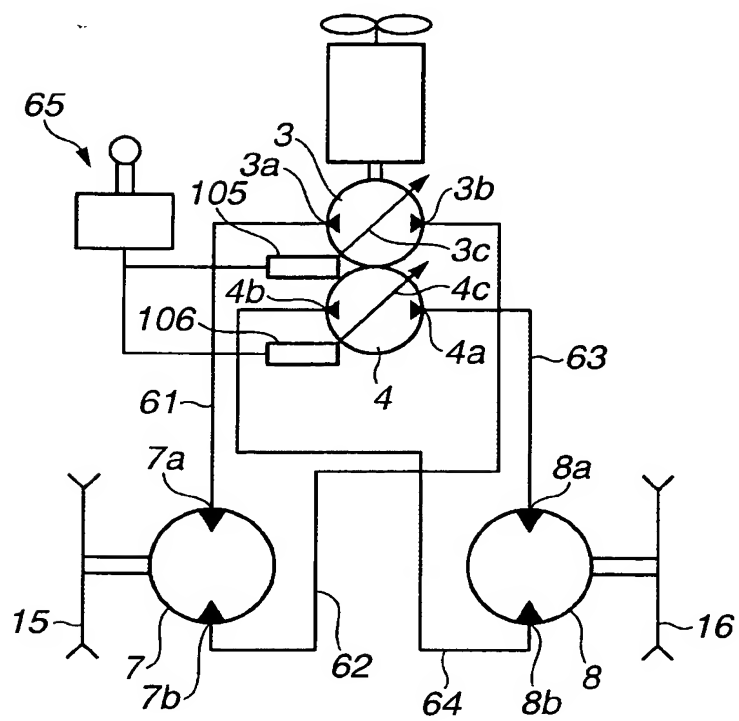
**FIG. 6**



**FIG. 7**

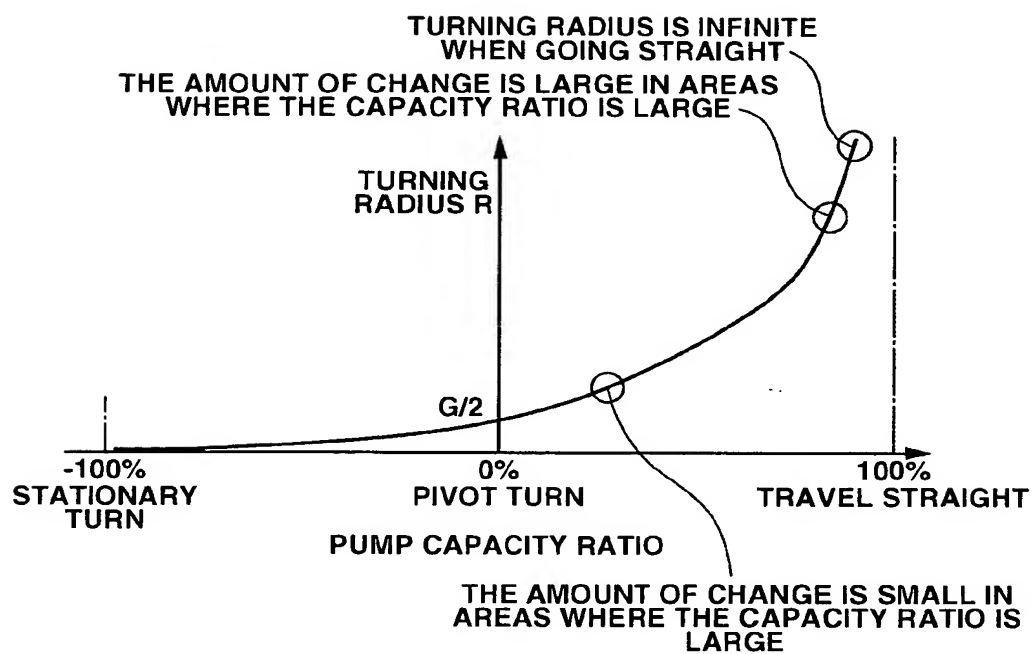


**FIG. 8**



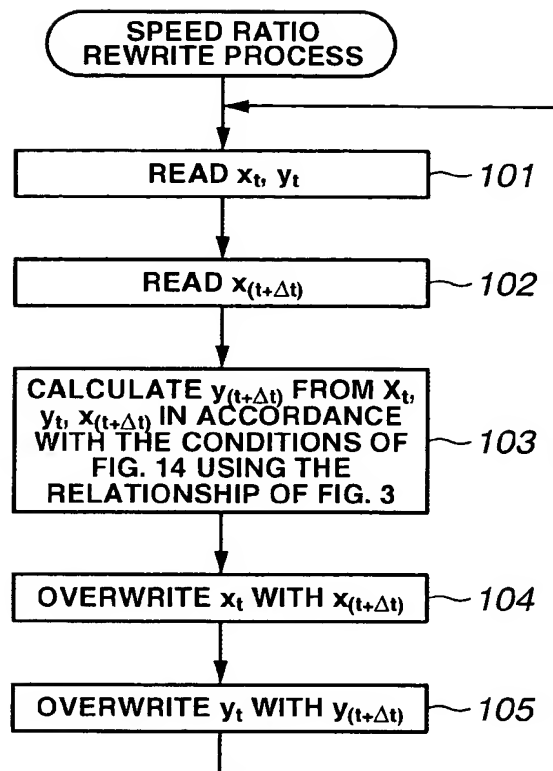
**FIG. 9**





**FIG.12**





**FIG.13**

CALCULATION OF SPEED RATIO  $y_{(t+\Delta t)}$

COORDINATES OF POINT $(X_t, y_t)$	AT POINT $B_1$	ON LINE $L_{131}$	AT POINT $B_2$	ON FIRST LINE $L_{11}$	AT POINT $B_3$	ON THIRD LINE $L_{134}$	AT POINT $B_8$	ON SECOND LINE $L_{12}$	WITHIN INTERNAL AREA A	ON LINE $L_{10}$
$(X_{(t+\Delta t)} - X_t) \geq 0$ (RECLINING OPERATION)	FINE CONTROL AREA IN ACCORDANCE WITH LINE $L_{131}$	FINE CONTROL AREA IN ACCORDANCE WITH LINE $L_{131}$	IN ACCORDANCE WITH FIRST LINE $L_{11}$	IN ACCORDANCE WITH FIRST LINE $L_{11}$	—	IN ACCORDANCE WITH THIRD LINE $L_{134}$ NEAR PIVOT TURN AREA	IN ACCORDANCE WITH THIRD LINE $L_{134}$ NEAR PIVOT TURN AREA	CHANGE IN ACCORDANCE WITH a OF INTERMEDIATE THIRD LINE	CHANGE IN ACCORDANCE WITH a OF INTERMEDIATE THIRD LINE	IN ACCORDANCE WITH LINE $L_{10}$
$(X_{(t+\Delta t)} - X_t) < 0$ (RETURNING OPERATION)	IN ACCORDANCE WITH LINE $L_{10}$	FINE CONTROL AREA IN ACCORDANCE WITH LINE $L_{131}$	FINE CONTROL AREA IN ACCORDANCE WITH LINE $L_{131}$	CHANGE IN ACCORDANCE WITH a OF INTERMEDIATE THIRD LINE	IN ACCORDANCE WITH THIRD LINE $L_{131}$ NEAR PIVOT TURN AREA (CHANGE IN ACCORDANCE WITH SLOPE a)	IN ACCORDANCE WITH THIRD LINE $L_{134}$ NEAR PIVOT TURN AREA	IN ACCORDANCE WITH SECOND LINE $L_{12}$	IN ACCORDANCE WITH SECOND LINE $L_{12}$	CHANGE IN ACCORDANCE WITH a OF INTERMEDIATE THIRD LINE	IN ACCORDANCE WITH LINE $L_{10}$

FIG.14

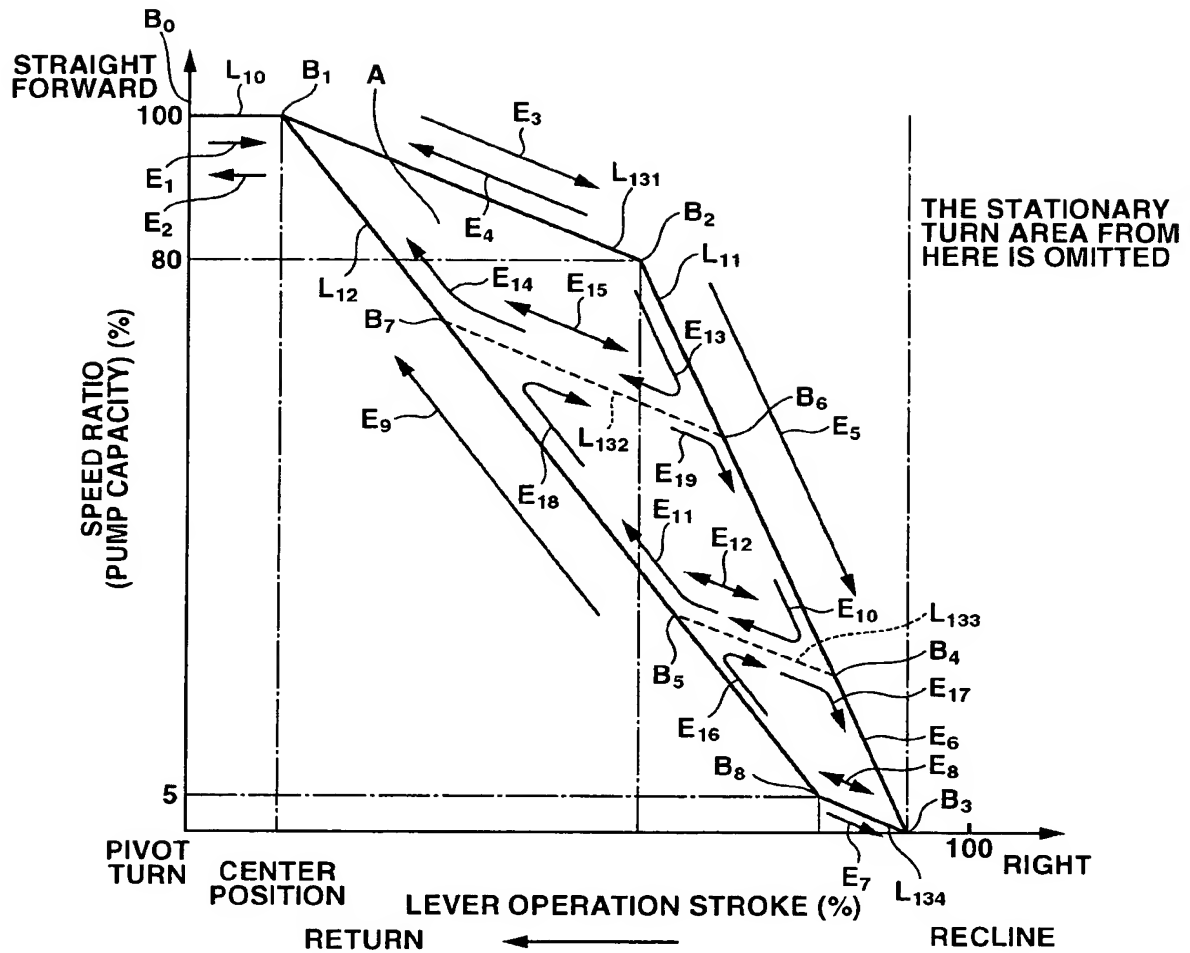
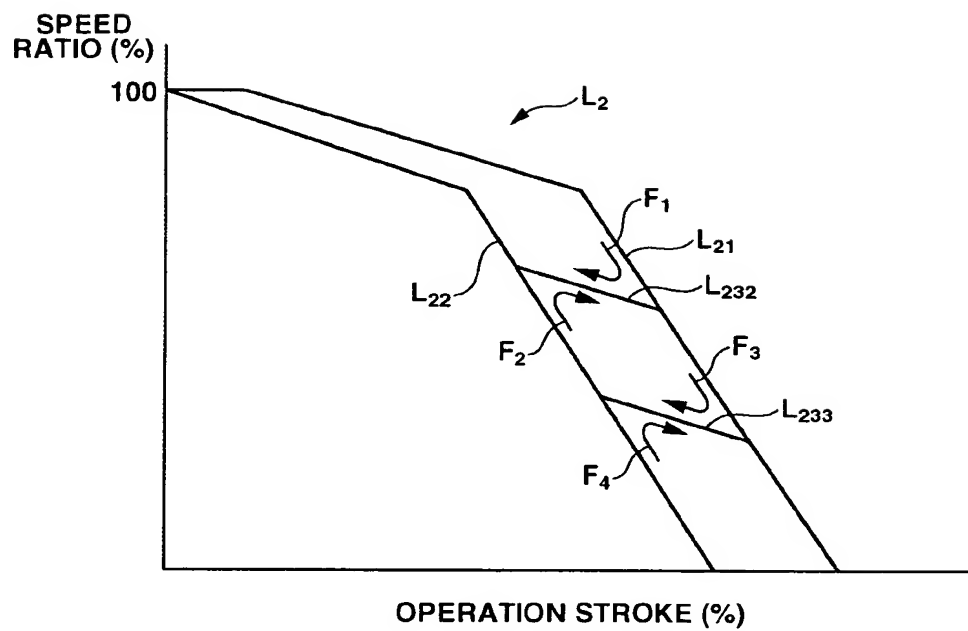
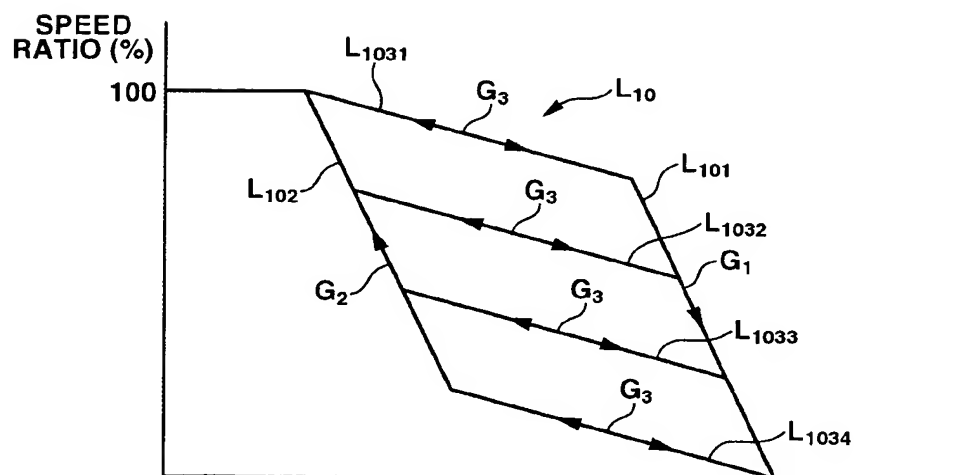


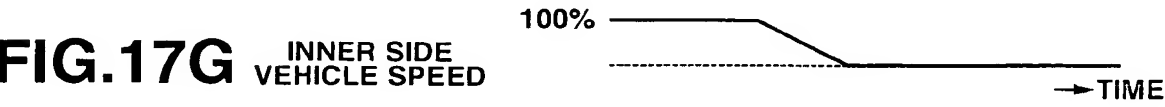
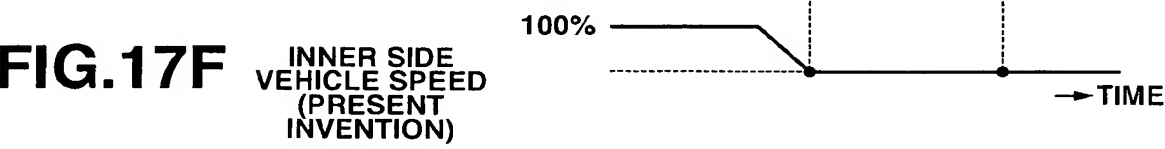
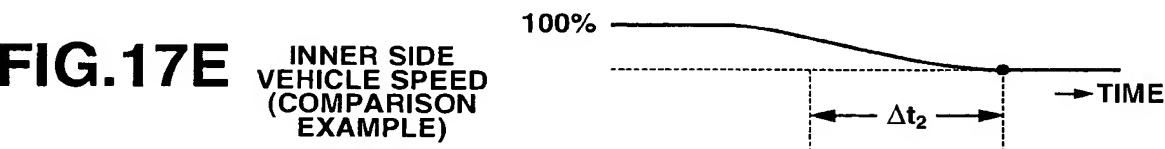
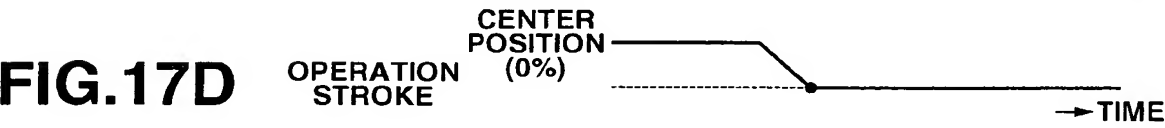
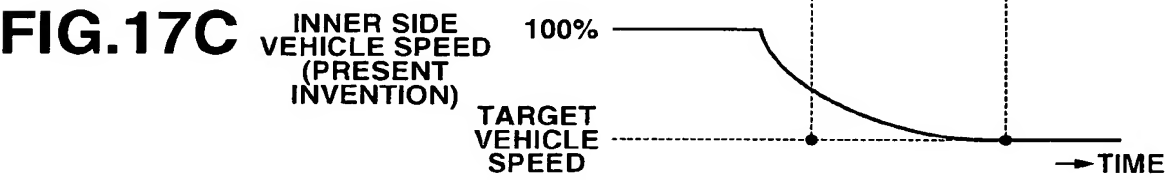
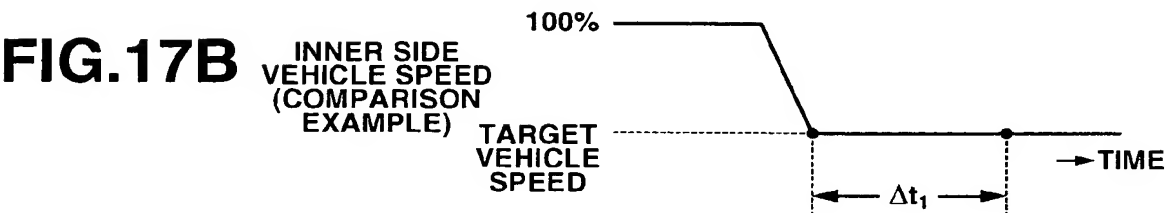
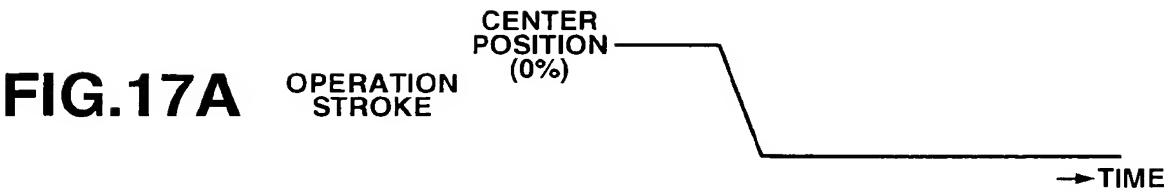
FIG.15

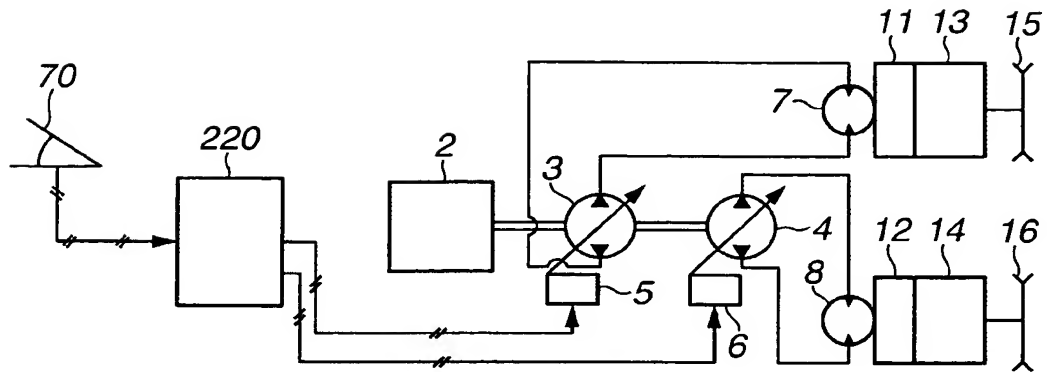


**FIG.16A**

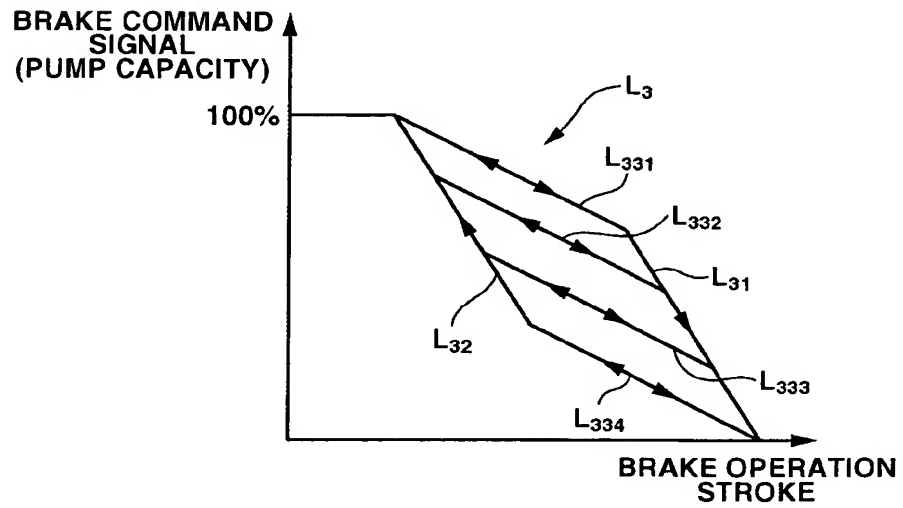


**FIG.16B**

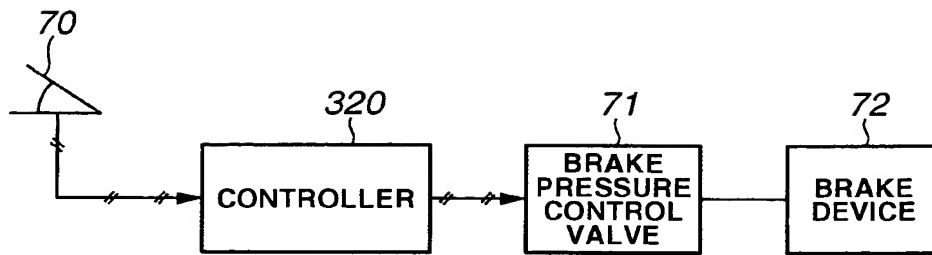




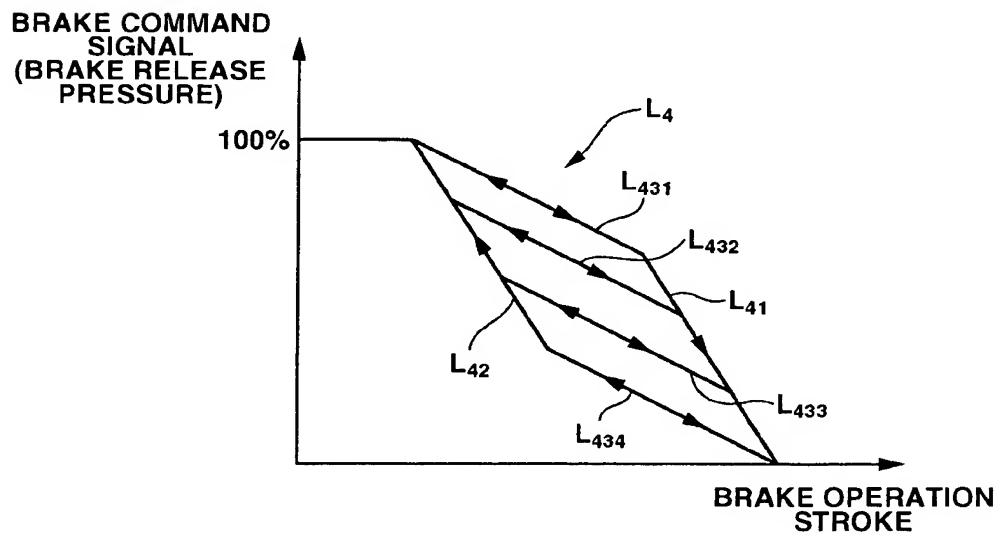
**FIG.18A**



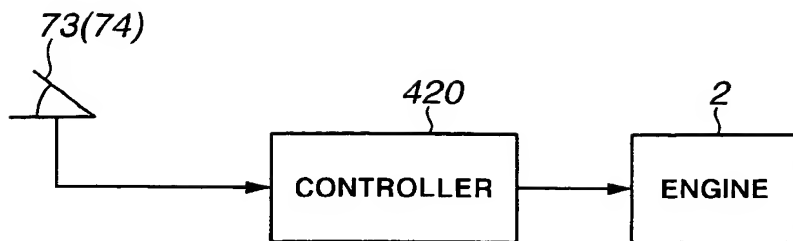
**FIG.18B**



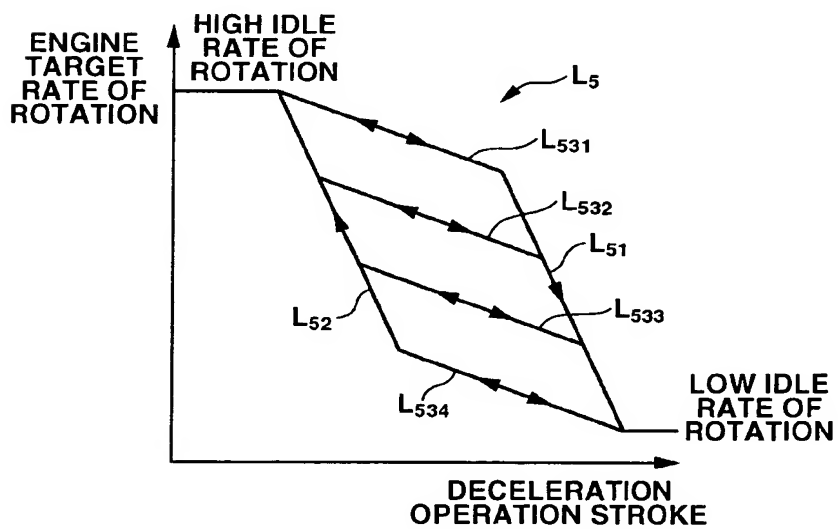
**FIG.19A**



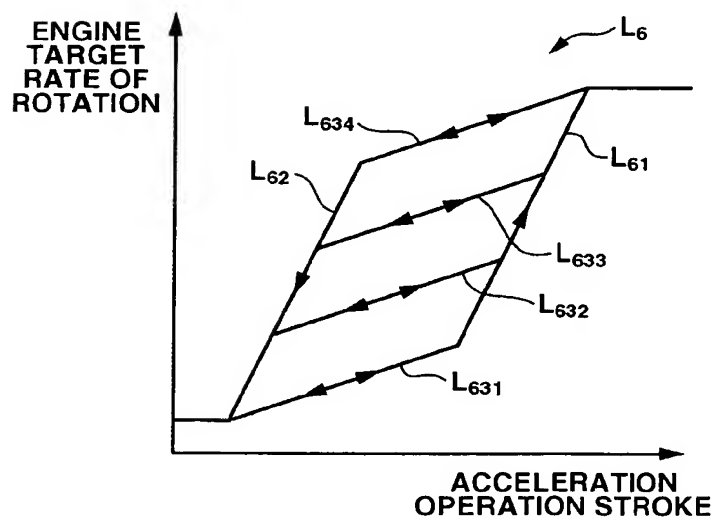
**FIG.19B**



**FIG.20A**



**FIG.20B**



**FIG.20C**



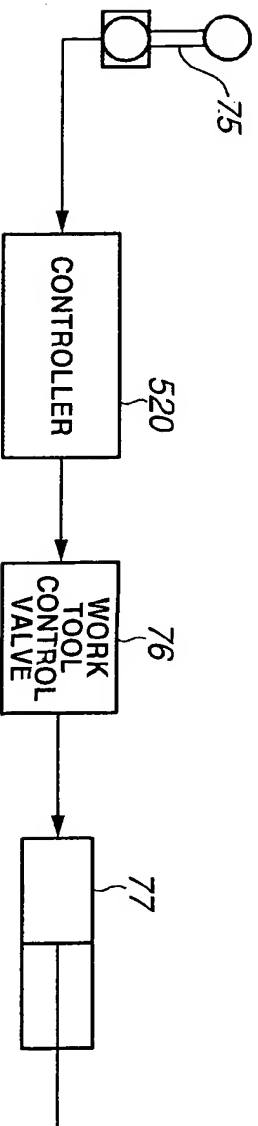


FIG. 21A

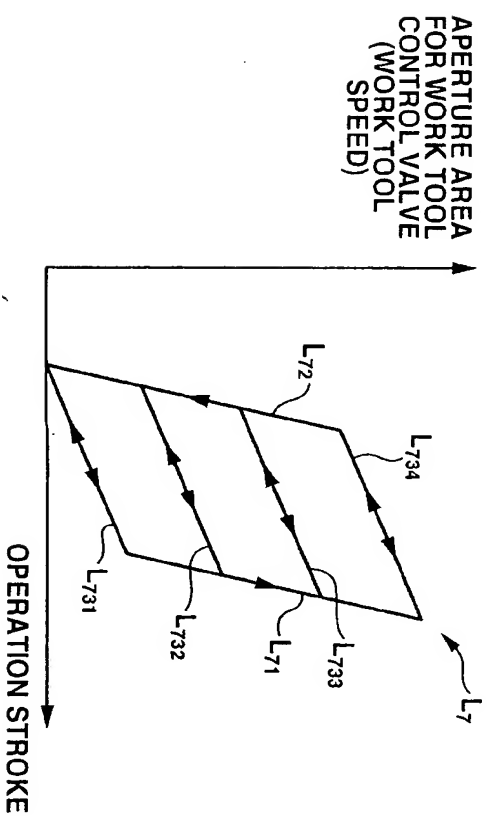


FIG. 21B